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(54) **METHOD FOR CATALYTIC OXIDATION OF CELLULOSE AND METHOD FOR MAKING A CELLULOSE PRODUCT**

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CPC ***D21C 3/003*** (2013.01); ***C08B 15/04*** (2013.01); ***D21C 9/002*** (2013.01); ***D21C 9/007*** (2013.01)

(58) **Field of Classification Search**

CPC D21C 9/001; D21C 9/002; D21C 9/004; D21C 9/005

See application file for complete search history.

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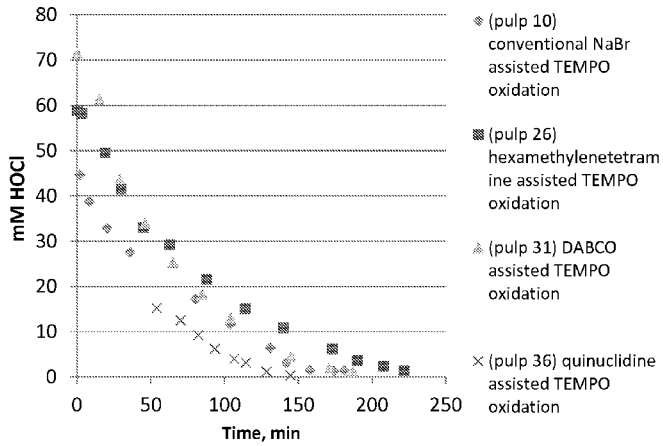
(57) **ABSTRACT**

In a method for catalytic oxidation of cellulose a heterocyclic nitroxyl radical is used as catalyst, hypochlorite is used as main oxidant acting as oxygen source, and a tertiary amine or chlorine dioxide as an activator of the heterocyclic nitroxyl radical.

47 Claims, 11 Drawing Sheets